

Claims Listing

The following listing of the claims replaces all previous versions of the claims.

1. (Currently Amended) An isolated nucleic acid molecule encoding a PAD6 polypeptide, comprising:

- (a) a nucleic acid molecule encoding a polypeptide comprising the amino acid sequence set forth as SEQ ID NO:24; or
- (b) a nucleic acid molecule that hybridizes to the nucleic acid molecule of (a) under highly stringent conditions, ~~where the nucleic acid molecule encodes a biologically active PAAD domain-containing polypeptide~~ wherein the nucleic acid of (a) or (b) encodes a PAAD domain-containing polypeptide having NFκB activation inhibiting activity.

2. (Previously Presented) The nucleic acid molecule of claim 1, comprising a nucleotide sequence set forth as SEQ ID NO:23.

3. (Original) A vector containing the nucleic acid molecule of claim 1.

4. (Original) A recombinant cell containing the nucleic acid molecule of claim 1.

Claims 5 to 49 (Cancelled).